

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An apparatus for providing air gaps for sinks comprising
a manifold pipe having a length and having a plurality of discrete openings along its
length, each of the openings facing the same direction transverse to the length,
a support bracket for the manifold pipe to suspend the manifold pipe substantially
horizontally under the sinks so that the openings align with sink drain tailpieces without
contacting the sink drain tailpieces and thereby form airgaps, and
an outlet at one end of the manifold pipe adapted to connect to a downstream flow
direction of sink effluent.
2. (Original) An apparatus as claimed in claim 1 wherein the manifold pipe is made up of a
plurality of sections including straight pipe sections and Tees, with the openings being openings
in the Tees.
3. (Original) An apparatus as claimed in claim 1 wherein the manifold pipe has a second
end that is closed.
4. (Original) An apparatus as claimed in claim 1 wherein the support bracket includes two
supports for axially spaced locations of the manifold pipe.

5. (Original) An apparatus as claimed in claim 1 wherein the support bracket is made of hanger strap.

6. (Currently Amended) An apparatus for providing air gaps for sinks comprising a manifold pipe having a length and having a plurality of discrete openings along its length, each of the openings facing the same direction transverse to the length, and a support bracket for the manifold pipe to suspend the manifold pipe substantially horizontally under the sinks so that the openings align with sink drain tailpieces, and an outlet at one end of the manifold pipe adapted to connect to a downstream flow direction of sink effluent. ~~An apparatus as claimed in claim 1~~

wherein the manifold pipe is about three inches in diameter and has an eccentric reducer at the outlet to a diameter of about two inches, the eccentric providing a lower peripheral wall of the two inch diameter to be aligned with a lower peripheral wall of the manifold pipe opposite the openings.

7. (Currently Amended) An apparatus for providing air gaps for sinks comprising a manifold pipe having a length and having a plurality of discrete openings along its length, each of the openings facing the same direction transverse to the length, and a support bracket for the manifold pipe to suspend the manifold pipe substantially horizontally under the sinks so that the openings align with sink drain tailpieces, and an outlet at one end of the manifold pipe adapted to connect to a downstream flow direction of sink effluent. ~~An apparatus as claimed in claim 1~~

wherein the manifold pipe has first diameter and has an eccentric reducer at the outlet to a reduced diameter, the eccentric providing a lower peripheral wall of the reduced diameter to be aligned with a lower peripheral wall of the manifold pipe opposite the openings.

8. (Original) An apparatus as claimed in claim 1 further comprising a drain flow control adapted to be installed on a sink drain tailpiece to collimate effluent flow from the tailpiece to direct the effluent flow to an opening in the manifold pipe aligned below the tailpiece.

9. (Currently Amended) An apparatus for providing air gaps for sinks comprising a manifold pipe having a length and having a plurality of discrete openings along its length, each of the openings facing the same direction transverse to the length, a support bracket for the manifold pipe to suspend the manifold pipe substantially horizontally under the sinks so that the openings align with sink drain tailpieces, an outlet at one end of the manifold pipe adapted to connect to a downstream flow direction of sink effluent, and a drain flow control adapted to be installed on a sink drain tailpiece to collimate effluent flow from the tailpiece to direct the effluent flow to an opening in the manifold pipe aligned below the tailpiece.

~~An apparatus as claimed in claim 8~~

wherein the drain flow control comprises a unitary elastomeric item configured with a circumferential band and a transverse disk at one edge of the band, the disk having a hole in it so that the effluent can pass through the hole when the control is mounted on the tailpiece.

10. (Original) An apparatus as claimed in claim 9 wherein the disk is axially distendable in response to an expected flow pressure, so as to take on a truncated conical configuration when distended.

11. (Original) An apparatus as claimed in claim 9 further comprising a band or clamp outside of the circumferential band to secure the flow control to the tailpiece.

12. (Original) An apparatus as claimed in claim 1 further comprising an oil/grease separator downstream of the outlet.

13. (Original) An apparatus for providing air gaps for sinks comprising
a manifold pipe having a length and made up of a plurality of sections including straight pipe sections and Tees having openings, to form a plurality of discrete openings along the length, each of the openings facing the same direction transverse to the length,

two support brackets for axially spaced locations of the manifold pipe to suspend the manifold pipe substantially horizontally under the sinks so that the openings align with sink drain tailpieces, and

the manifold pipe having a first diameter and an eccentric reducer at the one end to a reduced diameter, the eccentric reducer providing a lower peripheral wall of the reduced diameter aligned with a lower peripheral wall of the manifold pipe opposite the openings and adapted to connect to a downstream flow direction of sink effluent.

14. (Original) An apparatus as claimed in claim 13 wherein the support bracket is made of hanger strap.

15. (Original) An apparatus as claimed in claim 13 further comprising a drain flow control adapted to be installed on a sink drain tailpiece to collimate effluent flow from the tailpiece to direct the effluent flow to an opening in the manifold pipe aligned below the tailpiece, wherein the drain flow control comprises a unitary elastomeric item configured with a circumferential band and a transverse disk at one edge of the band, the disk having a hole in it so that the effluent can pass through the hole when the control is mounted on the tailpiece and being axially distendable in response to an expected flow, so as to take on a truncated conical configuration when distended, and

a band or clamp outside of the circumferential band to secure the flow control to the tailpiece.

16. (Original) An apparatus as claimed in claim 13 further comprising an oil/grease separator downstream of the eccentric reducer.

17. - 27. (Cancelled)